

MICHIGAN STATE POLICE RECRUIT SCHOOL PHYSICAL TRAINING PREPARATION PLAN

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Mission Statement

To provide a comprehensive workout program to better prepare applicants for the physical expectations of the Michigan State Police (MSP) recruit school.

Introduction

Calisthenic Progressions

The Michigan Commission on Law Enforcement Standards (MCOLES) Preparation and Basic General Physical Preparedness (GPP) plans follow a progression based on your current fitness level. You will conduct an initial test. The results of that test will dictate the number of repetitions you perform throughout the training plan. See below for examples:

Example 1 -

During the day 1 assessment, you perform 10 repetitions of pull-ups (10 x pull-ups).

Day 5 calls for:

6 Rounds, one round every 60 seconds of 35% Max Rep Pull Ups

Which means:

35% of 10 repetitions of Pull-ups = $0.35 \times 10 = 3.5$ (Round up to 4)

So, you start a running clock. At 0:00 you perform 4 x pull-ups (round up). At the 1:00 mark, you perform another 4 x pull-ups. At the 2:00 mark, you perform another 4 x pull-ups. You do this until you have completed 6 sets of 4 pull-ups. Each set of pull-ups is completed quickly with good form.

Example 2 -

During the day 1 assessment, you perform 120 x burpees, 50 x sit-ups, 30 x box jumps, 25 x hand release push-ups, 25 x jumping lunges.

Day 8 of the Basic GPP Plan calls for:

5 Rounds of 15% Max Rep burpees 15% Max Rep sit-ups 15% Max Rep box jumps 15% Max Rep hand release push-ups 15% Max Rep jump lunges Rest 30 seconds

Which means:

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15% of 120 Burpees = .15 \times 120 = 18 \times burpees
15% of 50 Sit-ups = .15 \times 50 = 7.5 \times sit-ups (round up to 8)
15% of 30 Box Jumps = .15 \times 30 = 4.5 \times box jumps (round up to 5)
15% of 25 Hand Release Push Ups = .15 \times 25 = 3.75 \times box jumping lunges (round up to 4)
15% of 25 Jumping Lunges = .15 \times 25 = 3.75 \times box jumping lunges (round up to 4)
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So, this candidate would complete 5 Rounds of:

18 x Burpees 8 x Sit-ups 5 x Box Jumps 4 x Hand Release Push Ups 4 x Jumping Lunges Rest 30 Seconds

Hypoxic Ladders

The basic and advanced GPP plans involved hypoxic ladder trainings days. Below is an explanation of this training method.

A hypoxic ladder is a swim technique that forces you to take a certain number of strokes between each breath. For example, a training day may list –

Perform the following hypoxic ladder:

1x50m @ 2 strokes/breath 1x50m @ 3 strokes/breath 1x50m @ 4 strokes/breath 1x50m @ 5 strokes/breath Rest 1 min. between swims

This means that you will swim 50 meters taking a breath then swimming two strokes before taking another breath and swimming another two strokes. Swim the entire 50 meters this way. Rest 1 minute. Then swim another 50 meters, this time taking a breath, then taking three strokes, another breath, then three strokes. Your head should be in the water for the three strokes. At the end of 50 meters, rest 1 minute. Repeat this process with 4 strokes between each breath and 5 strokes between each breath.

Water Safety

Always maintain a safety-first attitude and only swim while a certified lifeguard is on duty.

Common Questions

Q. How often should I train?

A. For the MCOLES Preparation Plan and the Basic GPP Plan we recommend you follow a 3-on, 1-off schedule. That is three days of workouts followed by one day of rest. The Advanced GPP Plan is designed to be completed Monday through Friday with the weekends off. This program allows for significant deviation from that recommendation. This program can be followed while navigating employment and childcare requirements. The MCOLES Preparation Plan can be completed contemporaneously with other training plans. The Basic and Advanced GPP plans have more work volume and, in most instances, should be completed as a standalone program.

Q. What if I miss a day?

A. Just pick up where you left off. These training plans are built on progressions that require the completion of each training day.

Q. What if I have less than six weeks before MCOLES fitness testing?

A. Start the training plan from the beginning and following each day up until two days before your fitness test. Give yourself two days of recovery before the test.

Q. What if I have more than 6 weeks before MCOLES fitness testing?

A. You can begin the program again or move on to the next plan in this program.

Q. What if I cannot make the prescribed repetitions or times?

A. Get as close as you can while maintaining proper form and safety.

Q. Where do I find unfamiliar exercises?

A. Be resourceful. Use reputable online resources. Some movements within this document are hyperlinked to videos demonstrating proper form.

Q. What are the guidelines/directions for the MCOLES pre-enrollment physical fitness test?

A. These guidelines/directions can be found online at https://www.michigan.gov/mcoles/0,4607,7-229--147713--0.html.

Q. What does it mean when there is a number listed with an "x" next to it?

A. That denotes the number of prescribed repetitions for the listed exercise.

Example: 10 x air squats means 10 repetitions of air squats.

Q. MCOLES Preparation - What if I don't have enough time to complete the set of jumps after Push-ups or Situps?

A. Complete as many as you can in the remaining time of each round. Complete however many you missed at the conclusion of the workout.

Q. Why are some days listed twice with an A.M. and a P.M. session?

A. Those are two-a-days (both workouts in one day). If both are completed on the same day, separate the workouts by three or more hours, if time allows. The two sessions can also be completed on different days, if necessary.

Q. What if I do not have enough time to complete the entire plan before the start of trooper recruit school?

A. Get as far through the plan as you can without skipping days. Get two full days of rest before reporting to trooper recruit school.

Q. What if I do not have a swimming pool or access to a swimming pool for training?

A. While it is highly recommended you make swimming a mode of training prior to trooper recruit school, if you absolutely cannot gain access to a pool, you can follow this plan while skipping the water-based training days. Seek out pools at community centers or gyms in your area.

Q. Can I do two of the workouts in the same day?

A. If you miss a day and need to make it up, a land-based and water-based workout can be completed in the same day. It is recommended they are separated by three or more hours.

Q. Advanced GPP – What if I have some but not all the required equipment?

A. Feel free to improvise or adjust the plan based on the equipment you do have. If your lack of equipment completely alters the plan, move to Stage 2: Basic GPP Plan.

Q. Can I run on a treadmill? Where should I run? How do I know how far I ran?

A. Best case scenario is to run on a 400-meter track. These are often found at schools. If you do not have access, outdoor running can be conducted with the assistance of distance tracking/measuring apps/websites. If outdoor running is not an option, a treadmill is acceptable at a 0.5 or 1.0 incline.

Q. How much rest time should I have between sets?

A. Throughout your time at recruit school, resting between sets during physical training, defensive tactics, and water safety will be minimal. Start training now to exercise at a high level of intensity with minimal rest in between sets. To start getting your body acclimated to the intensity of recruit school, limit rest between sets to 30 to 45 seconds.

Q. What if I am not a strong runner?

A. The only way to become a better runner is to run. The MSP physical training staff highly recommends watching videos about <u>proper running form</u> to ensure as the miles begin to progress, a recruit's form stays proper. Additionally, all recruits should be purchasing running shoes from a reputable supply who can analyze the recruits running form and get them the correct type of running shoe.

Where to Begin

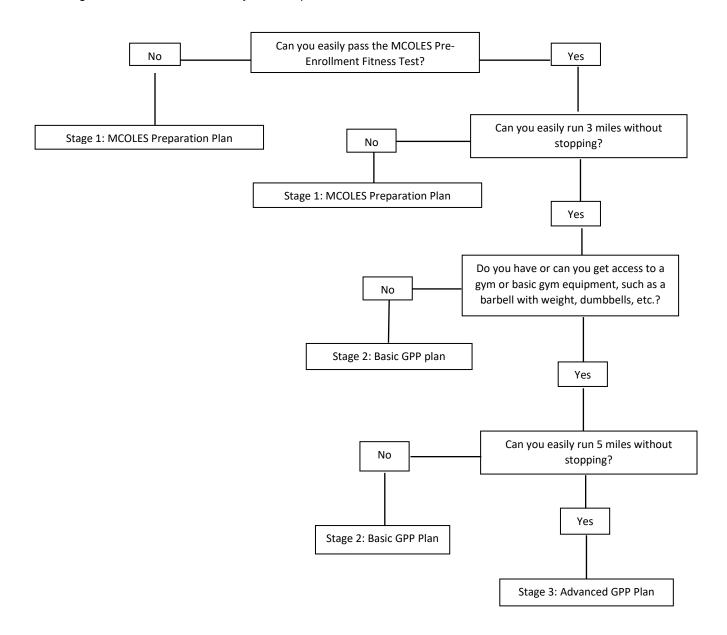
Below you will find a general guideline for which plan to start with. When deciding between two, start with the more basic and progress to the more advanced.

In order of complexity, from most basic to most advanced, the physical training plans contained herein are:

Stage 1: MCOLES Preparation

Stage 2: Basic General Physical Preparedness

Stage 3: Advanced General Physical Preparedness



Introduction

The intent of this program is to provide an opportunity for all potential MSP recruits to have professional level guidance as they prepare for the MCOLES pre-enrollment physical fitness test. The passing score is simply a minimum and we encourage maximizing test performance.

Required Equipment

Stopwatch

Training Plan

Day 1 - A.M. - MCOLES Test #1

Warmup –	Training – MCOLES #1
3 Rounds of	RECORD ALL SCORES
10 x Air squats	Event #1) Max vertical jump

- 10 x Air squat 5 x Push-ups 5 x Walking lunges 5 x Sit-ups 200 m run
- 1. Stand beside a wall with your side next to the wall.
- 2. Put some chalk on your fingers. They will be used to mark the wall.
- 3. Standing straight up, raise the arm closest to the wall all the way up, reaching as high as you can.
- 4. With your outstretched hand, mark the wall using chalk or have someone else mark the wall.
- 5. Perform the vertical jump as outlined by MCOLES.
- 6. At the height of your jump, reach as high as you can and touch the wall. The chalk should leave a mark.
- 7. Retest your vertical jump two more times, for a total of three jumps.
- 8. Get the highest mark reached during the jump and subtract the standing reach from that figure. This gives you your vertical jump height.

Example: your standing reach is 7 feet, and the highest reach of your 3 jumps is 9 feet. Then your vertical jump is 2 feet or 24 inches.

Rest 3 to 5 minutes

Event #2) Max rep sit-ups

1. Complete as many sit-ups as described by MCOLES in 60 seconds.

Rest 3 to 5 minutes

Event #3) Max rep push-ups

1. Complete as many push-ups as described by MCOLES in 60 seconds.

Rest 3 to 5 minutes

Event #4) 0.5-mile shuttle run

1. Complete the half mile shuttle run as described by MCOLES.

Day 1 – P.M. – Push-ups, Sit-ups, Vertical Jump

	P.M. Session	
Warmup –	Training –	
3 rounds of	 1. Push-ups 6 rounds. Every 75 seconds perform 30% of your max push-ups from MCOLES #1. 	
5 x Push-ups 10 x Sit-ups	After each round, perform 3 max height vertical jumps.	
15 x Air squats	Example: If you scored 34 Push-ups on your MCOLES #1, $34 \times .3 = 10.2$ or 11 (rounded up). Set a repeating, countdown timer to 75 seconds. On "Go" complete 11 Push Ups. The faster you finish, the more rest you'll get before the next round begins. Do 6 rounds total.	
	 2. Sit-ups 6 rounds. Every 75 seconds perform 30% of your max sit-ups from MCOLES #1. After each round, perform 3 max height vertical jumps. 	

Day 2 - Run Intervals

Warmup –	Training –
4 rounds of	Note: Establish a goal for the 0.5-mile shuttle run. Use that goal to calculate your interval pace.
10 x Air squats 5 x Push-ups	 At your goal pace, perform 3 rounds of 5 down and backs around markers/pylons set 88' apart.
10 x Walking lunges	Rest 3 minutes between intervals
Run 100 m	Example: If your goal is a 4-minute (240 seconds) shuttle run:
	 Divide 240 by 15 (number of laps). 240 ÷ 15 = 16.
	 Your goal pace for the intervals is 16 seconds per lap.
	 16 (seconds per lap) x 5 (number of laps per interval) = 80 seconds (1 minute 20 seconds) per interval.

Day 3 - Push-ups, Sit-ups, Vertical Jump, Easy Run

Warmup –	Training –
3 rounds of	Push-ups: 6 rounds. Every 75 seconds perform 30% of your max push-ups from MCOLES #1.
15 x Air squats 10 x Sit-ups	3 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 30% of your max sit-ups from MCOLES #1. • 3 max height vertical jumps after each round.
	3. Run 1 mile at an easy pace (you can speak in full sentences while running).

Day 4 - Run Intervals

Warmup -	Training –
4 rounds of	At your goal pace perform 3 rounds of 5 down and backs around markers/pylons set 88' apart.
10 x Air squats 5 x Push-ups 10 x Walking lunges Run 100 m	Rest 3 minutes between intervals

Day 5 - Push-ups, Sit-ups, Vertical Jump, Moderate Run

Warmup -	Training –
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 35% of your max push-ups from MCOLES #1.
15 x Air squats 10 x Sit-ups	3 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 35% of your max sit-ups from MCOLES #1. 3 max height vertical jumps after each round.
	3. Run 1 mile at a moderate pace (comfortable but not easy).

Day 6 - Push-ups, Sit-ups, Vertical Jump, Easy Run

Warmup –	Training –
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 35% of your max push-ups from MCOLES #1.
15 x Air squats 10 x Sit-ups	3 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 35% of your max sit-ups from MCOLES #1. 3 max height vertical jumps after each round.
	3. Run 1.5 miles at an easy pace (you can speak in full sentences while running).

Day 7 - Run Intervals

Warmup –	Training –
4 rounds of	At your goal pace perform 3 rounds of 5 down and backs around markers/pylons set 88' apart.
10 x Air squats 5 x Push-ups 10 x Walking lunges Run 100 m	Rest 3 minutes between intervals

Day 8 - Push-ups, Sit-ups, Vertical Jump, Moderate Run

Warmup -	Training –
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 40% of your max push-ups from MCOLES #1.
15 x Air squats 10 x Sit-ups	4 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 40% of your max sit-ups from MCOLES #1. 4 max height vertical jumps after each round.
	3. Run 1.5 miles at a moderate pace (comfortable but not easy).

Day 9 - Run Intervals

Warmup –	Training –
4 rounds of	At your goal pace perform 4 rounds of 5 down and backs around markers/pylons set 88' apart.
10 x Air squats 5 x Push-ups 10 x Walking lunges	Rest 3 minutes between intervals

Run 100 m	

Day 10 - Push-ups, Sit-ups, Vertical Jump, Easy Run

Warmup -	Training –
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 40% of your max push-ups from MCOLES #1.
15 x Air squats 10 x Sit-ups	4 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 40% of your max sit-ups from MCOLES #1. 4 max height vertical jumps after each round.
	3. Run 2 miles at an easy pace (you can speak in full sentences while running).

Day 11 - A.M. - MCOLES Test #2

Warmup –	Training – MCOLES Test #2 (Retest)
3 Rounds of	RECORD ALL SCORES
10 x Air squats 5 x Push-ups 5 x Walking	Event #1) Max vertical jump Rest 3 to 5 minutes
lunges 5 x Sit-ups 200 m run	Event #2) Max Sit-ups in 60 seconds Rest 3 to 5 minutes
	Event #3) Max Push-ups in 60 seconds Rest 3 to 5 minutes
	Event #4) 0.5-mile shuttle run COMPARE SCORES TO MCOLES #1

Day 11 - P.M. - Push-ups, Sit-ups, Vertical Jump

Warmup -	Training –
3 rounds of	1. Push-ups
	• 6 rounds. Every 75 seconds perform 30% of your max push-ups from MCOLES #2.
5 x Push-ups 10 x Sit-ups	 After each round, perform 4 max height vertical jumps.
15 x Air squats	2. Sit-ups
	 6 rounds. Every 75 seconds perform 30% of your max sit-ups from MCOLES #2.
	 After each round, perform 4 max height vertical jumps.

Day 12 – Run Intervals

Warmup -	Training –
4 rounds of	 At your goal pace, perform 3 rounds of 5 down and backs around markers/pylons set 88' apart.
10 x Air squats 5 x Push-ups 10 x Walking lunges Run 100 m	Rest 3 minutes between intervals

Day 13 - Push-ups, Sit-ups, Vertical Jump, Easy Run

Warmup -	Training –
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 30% of your max push-ups from MCOLES #2.
15 x Air squats 10 x Sit-ups	4 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 30% of your max sit-ups from MCOLES #2. 4 max height vertical jumps after each round.
	3. Run 2.5 miles at an easy pace (you can speak in full sentences while running).

Day 14 – Run Intervals

Warmup –	Training –
4 rounds of	At your goal pace perform 3 rounds of 5 down and backs around markers/pylons set 88' apart.
10 x Air squats 5 x Push-ups 10 x Walking lunges Run 100 m	Rest 3 minutes between intervals

Day 15 - Push-ups, Sit-ups, Vertical Jump, Moderate Run

Warmup –	Training –
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 35% of your max push-ups from MCOLES #2.
15 x Air squats 10 x Sit-ups	5 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 35% of your max sit-ups from MCOLES #2. 5 max height vertical jumps after each round.
	3. Run 2.5 miles at a moderate pace (comfortable but not easy).

Day 16 – Push-ups, Sit-ups, Vertical Jump, Easy Run

Warmup –	Training –
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 35% of your max push-ups from MCOLES #2.
15 x Air squats 10 x Sit-ups	5 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 35% of your max sit-ups from MCOLES #2. 5 max height vertical jumps after each round.
	3. Run 3 miles at an easy pace (you can speak in full sentences while running).

Day 17 - Run Intervals

Warmup –	Training –
4 rounds of	At your goal pace perform 3 rounds of 5 down and backs around markers/pylons set 88' apart.
10 x Air squats 5 x Push-ups 10 x Walking lunges	Rest 3 minutes between intervals

Run 100 m	
1100 111	

Day 18 - Push-ups, Sit-ups, Vertical Jump, Moderate Run

Warmup –	Training –
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 40% of your max push-ups from MCOLES #2.
15 x Air squats 10 x Sit-ups	5 max height vertical jumps after each round.
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 40% of your max sit-ups from MCOLES #2. 5 max height vertical jumps after each round.
	3. Run 3.0 miles at a moderate pace (comfortable but not easy).

Day 19 - Run Intervals

Warmup -	Training –
4 rounds of	At your goal pace perform 4 rounds of 5 down and backs around markers/pylons set 88' apart.
10 x Air squats 5 x Push-ups 10 x Walking lunges Run 100 m	Rest 3 minutes between intervals

Day 20 - Push-ups, Sit-ups, Vertical Jump, Easy Run

Warmup –	Training –	
3 rounds of	 Push-ups: 6 rounds. Every 75 seconds perform 40% of your max push-ups from MCOLES #2. 	
15 x Air squats 10 x Sit-ups	5 max height vertical jumps after each round.	
5 x Push-ups	 2. Sit-ups: 6 rounds. Every 75 seconds perform 40% of your max sit-ups from MCOLES #2. 5 max height vertical jumps after each round. 	
	3. Run 3.5 miles at an easy pace (you can speak in full sentences while running).	

Day 21 – MCOLES #3

Warmup -	Training – MCOLES #3 (Retest)	
3 Rounds of	RECORD ALL SCORES	
10 x Air squats 5 x Push-ups	ent #1) Max vertical jump	
5 x Walking	est 3 to 5 minutes	
lunges 5 x Sit-ups 200 m run	Event #2) Max Sit-ups in 60 seconds	
200 111 1011	Rest 3 to 5 minutes	
	Event #3) Max Push-ups in 60 seconds	
	Rest 3 to 5 minutes	
	Event #4) 0.5-mile shuttle run COMPARE SCORES TO MCOLES #1 & #2	

Introduction

The intent of this program is to provide an opportunity for all potential MSP recruits to have professional level guidance as they prepare for the MSP trooper recruit school physical training program. This program is the second stage in the full program and is an ideal fit for candidates who excel at the MCOLES pre-enrollment test but they have limited equipment to work with.

Required Equipment

- Stopwatch
- 20" or similar step or box
- 400 m track (ideal but not required)
- Swimming pool (ideal but not required)

Training Plan

Warmup –	Training –				
4 rounds of	RECORD SCORES				
10 push-ups	Burpee Ladder Test				
10 sit-ups	1. Daipoo Laddoi 1000				
5 lunges	Minute # in that min Total burpees				
	0-1 10 10				
	1-2 12 22				
	2-3 14 36				
	3-4 16 52				
	4-5 18 70				
	5-6 20 90				
	6-7 22 112				
	7-8 24 136				
	number.				
	Instructions: The first minute you must complete 10 x Burpees, then rest for the remaining time. Second minute you must complete 12 x Burpees then rest, etc. Follow the ladder up as far as possible - until you cannot complete the prescribed reps in that minute's time. At the end, add up the total burpees you completed for the intervals you did make. This is your assessment "max rep" number.				
	Thus, if an athlete completes only 9 of the 16 Burpees in round 4 then they will have a total of 45 (10+12+14+9). If they completed 15 of the 16 Burpees in round 4 (1 shy of completing the interval) then they would have a total of 51 (10+12+14+15). You will scale off this "Total" number (i.e., 45, 51, etc.). Rest 2 to 3 minutes				
	2. Max rep sit-ups in 60 Sec.				
	Rest 2 to 3 minutes				
	3. Max rep box jumps @ 20" in 60 Sec.				
	Rest 2 to 3 minutes				
	4. Max rep hand release (HR) push-ups in 60 Sec.				

Rest 2 to 3 minutes	
5. Max rep jumping lunges in 60 seconds	
Note: One jump with left leg forward plus one jump with right leg forward equals one repetition. Total may be 0.5 increment (example: 30.5 reps).	
Rest 2 to 3 minutes	
6. Max rep pull-ups (unloaded)	

Day 2 - Running Assessment #1

Warmup -	Training –
4 rounds of	RECORD TIME
200 m run 10 push-ups 10 sit-ups 5 lunges 10 flutter kicks	1. Run 3 miles for time

Day 3 - Swim Assessment #1

Warmup –	Training –
4 rounds of	RECORD TIMES
50 m swim – use	1. Swim 500 m freestyle
the same stroke you will be testing.	Rest 15 minutes
5 x push-ups	2. Max water tread
10 x air squats	
	Note: Add weight if necessary. Record the weight used.

Day 4 - Easy Run (4 miles)

Warmup -	Training –
As needed	Run 4 miles at an easy pace (you can speak in full sentences while running).

Day 5 - Pull-ups, Work Capacity, & Core

Warmup -	Training –
3 rounds of	1. 10 rounds, one round every 30 seconds of 15% of max rep pull-ups.
20 x step ups 5 x walking lunges 10 x push-ups 10 x sit-ups	 2. 20 minutes of a. 10 x push-ups b. 10 x air squats c. 10 x lunges (10 per leg) d. 10 x flutter kicks (10 per leg) e. Run 200 m
	Note: You may wear a weight vest if you have one. 3. 2 rounds of a. 60 second plank b. 30 second side plank (left)

C.	30 second side plank (right)
d.	20 x glute bridges

Day 6 – Swim Intervals & Treading

Warmup –	Training –
3 rounds of	1. 6 rounds of
	a. 125 m swim
50 m freestyle swim	b. Rest 2 minutes
25 m stroke of	2. 2 rounds of
choice	a. 250 m swim
25 m stroke of choice	b. Rest 3 minutes
Rest 30 sec	3. 3 rounds treading
	a. 15 sec both hands
	b. 15 sec with left hand out of water
	c. 15 sec with right hand out of water
	d. 15 sec with both hands out of water

Day 7 – Moderate Run (4 miles)

Warmup -	Training –
	Run 4 miles at moderate pace (comfortable but not easy)
As needed	
	Note: Wear a 20 lbs. weight vest (or similar), if you have one

Day 8 – Calisthenic Endurance & Run Intervals

Warmup –	Training –
4 rounds of 5 x push-ups 5 x air squats 5 x sit-ups 5 x lunges	 5 rounds, for time a. 15% max rep burpees b. 15% max rep sit-ups c. 15% max rep box jumps d. 15% max Hand Release (HR) push-ups e. 15% max rep jump lunges
Run 100 m	f. Rest 30 seconds
	 2. 4 rounds of a. 400 m run b. 1:2 work-to-rest ratio (if the run took 1.5 minutes to complete, rest for 3 minutes, then start on the next 400 m run)
	Note: Run as fast as possible but at a pace you can repeat for all the prescribed rounds.

Day 9 – Long Swim

Warmup –	Training –
100 m freestyle Rest 1 minute 100 m side stroke Rest 1 minute 100 m breaststroke Rest 1 minute 100 m stroke of choice	1. 1500 m freestyle swim.

Day 10 - Easy Run (4.5 miles)

Warmup –	Training –
As needed	1. Run 4.5 miles at an easy pace (you can speak in full sentences while running).

Day 11 - Pull-ups, Work Capacity, & Core

Warmup –	Training –
3 rounds of	1. 12 rounds, one round every 30 seconds of 15% of max rep pull-ups.
20 x step-ups 5 x walking lunges 10 x push-ups 10 x sit-ups	2. 25 minutes of a. 10 x burpees b. 10 x dips c. 10 x step-ups d. 10 x sit-ups
	e. Run 200 m 3. 3 rounds of a. 60 second plank b. 30 second side plank (left) c. 30 second side plank (right) d. 20 x glute bridges

Day 12 - Swim Speed Intervals / Hypoxic Swimming

Warmup –	Training –
4 rounds of	1. 10 rounds of
	a. 25 m freestyle sprints (all-out effort)
50 m freestyle swim	b. Rest 30 sec
5 x push-ups	2. Hypoxic ladder
10 x air squats	a. 1 x 50 m at 2 strokes / breath
•	b. Rest 1 minutes
	c. 1 x 50 m at 3 strokes / breath
	d. Rest 1 minute
	e. 1 x 50 m at 4 strokes / breath
	f. Rest 1 minute
	g. 1 x 50 m at 5 strokes / breath

Day 13 – Moderate Run (4.5 miles)

Warmup -	Training –
As needed	Run 4.5 miles at moderate pace (comfortable but not easy)
	Note: Wear a 20 lbs. weight vest (or similar), if you have one

Day 14 - Calisthenic Endurance & Run Intervals

Warmup –	Training –
4 rounds of	1. 5 rounds, for time
	a. 20% max rep burpees
5 x push-ups	b. 20% max rep sit-ups
5 x air squats	c. 20% max rep box jumps
5 x sit-ups	d. 20% max HR push-ups
5 x lunges	e. 20% max rep jump lunges
Run 100 m	f. Rest 30 seconds
	2. 1 round of

	 a. 800 m run b. 1:1 work-to-rest ratio (if the run took 3.5 minutes to complete, rest for 3.5 minutes, then start on the 400 m runs)
3	8. 4 rounds of a. 400 m run b. 1:2 work-to-rest ratio
	Note: Run as fast as possible but at a pace you can repeat for all the prescribed rounds.

Day 15 - Swim Intervals & Treading

Warmup -	Training –
3 rounds of	1. 4 rounds of
	a. 125 m swim
50 m freestyle	b. Rest 2 minutes
swim	
25 m stroke of	2. 3 rounds of
choice	a. 250 m swim
25 m stroke of	b. Rest 3 minutes
choice	
Rest 30 sec	3. 3 rounds treading
	a. 20 sec both hands
	b. 20 sec with left hand out of water
	c. 20 sec with right hand out of water
	d. 20 sec with both hands out of water

Day 16 – Easy Run (5.0 miles)

Warmup –	Training –
As needed	Run 5.0 miles at an easy pace (you can speak in full sentences while running).

Day 17 - Pull-ups, Work Capacity, & Core

	vonk Capacity, & Core
Warmup –	Training –
2 rounds of	1 14 rounds one round every 20 accords of 150/ of may rep pullups
3 rounds of	1. 14 rounds, one round every 30 seconds of 15% of max rep pullups.
20 x step ups	2. 30 minutes of
5 x walking	a. 10 x push-ups
lunges	b. 10 x air squats
10 x push-ups	c. 10 x lunges (10 per leg)
10 x sit-ups	d. 10 x flutter kicks (10 per leg)
·	e. Run 200 m
	Note: You may wear a weight vest if you have one.
	3. 4 rounds of
	a. 60 second plank
	b. 30 second side plank (left)
	c. 30 second side plank (right)
	d. 20 x glute bridges

Day 18 - Long Swim

Warmup –	Training –
100 m freestyle	1500 m freestyle swim.

Rest 1 minute	
100 m side stroke	
Rest 1 minute	
100 m	
breaststroke	
Rest 1 minute	
100 m stroke of	
choice	

Day 19 - Moderate Run (5 miles)

Warmup -	Training –
As needed	Run 5.0 miles at moderate pace (comfortable but not easy)
	Note: Wear a 20 lbs. weight vest (or similar), if you have one

Day 20 - Calisthenic Endurance & Run Intervals

Day 20 – Calisthenic Endurance & Run Intervals	
Warmup -	Training –
•	
4 rounds of	1. 5 Rounds, for time
	a. 25% max rep burpees
5 x push-ups	b. 25% max rep sit-ups
5 x air squats	c. 25% max rep box jumps
5 x sit-ups	d. 25% max HR push-ups
5 x lunges	e. 25% max rep jump lunges
Run 100 m	f. Rest 30 seconds
	2. 1 round of
	a. 800 m run
	b. 1:1 work-to-rest ratio (if the run took 3.5 minutes to complete, rest for 3.5 minutes,
	then start on the 400 m runs)
	3. 4 rounds of
	a. 400 m run
	b. 1:2 work-to-rest ratio
	Note: Run as fast as possible but at a pace you can repeat for all the prescribed rounds.

Day 21 - Swim Speed Intervals / Hypoxic Swimming

Warmup –	Training –
4 rounds of	1. 10 rounds of
	a. 25 m freestyle sprints (all-out effort)
50 m freestyle swim	b. Rest 30 sec
5 x push-ups	2. Hypoxic ladder
10 x air squats	a. 1 x 75 m at 2 strokes / breath
·	b. Rest 1 minutes
	c. 1 x 75 m at 3 strokes / breath
	d. Rest 1 minute
	e. 1 x 75 m at 4 strokes / breath
	f. Rest 1 minute
	g. 1 x 75 m at 5 strokes / breath

Day 22 - Easy Run (5.5 miles)

Warmup -	Training –
As needed	1. Run 5.5 miles at an easy pace (you can speak in full sentences while running).

Day 23 - Pull-ups, Work Capacity, & Core

Warmup –	Training –
3 rounds of	1. 10 rounds, one round every 60 seconds of 20% of max rep pull-ups.
20 x step ups 5 x walking lunges 10 x push-ups 10 x sit-ups	2. 35 minutes of a. 10 x burpees b. 10 x dips c. 10 x step-ups d. 10 x sit-ups e. Run 200 m
	3. 2 rounds of a. 90 second plank b. 45 second side plank (left) c. 45 second side plank (right) d. 30 x glute bridges

Day 24 - Swim Intervals & Treading

Warmup –	Training –
3 rounds of	1. 2 rounds of a. 125 m swim
50 m freestyle swim	b. Rest 2 minutes
25 m stroke of	2. 4 rounds of
choice	a. 250 m swim
25 m stroke of choice	b. Rest 3 minutes
Rest 30 sec	3. 2 rounds treading
	a. 30 sec both hands
	b. 30 sec with left hand out of water
	c. 30 sec with right hand out of water
	d. 30 sec with both hands out of water

Day 25 - Moderate Run (5.5 miles)

Warmup -	Training –
As needed	Run 5.5 miles at moderate pace (comfortable but not easy)
	Note: Wear a 20 lbs. weight vest (or similar), if you have one

Day 26 - Calisthenic Endurance & Run Intervals

Warmup -	Training –
4 rounds of	1. 5 Rounds, for time
	a. 30% max rep burpees
5 x push-ups	b. 30% max rep sit-ups
5 x air squats	c. 30% max rep box jumps
5 x sit-ups	d. 30% max HR push-ups
5 x lunges	e. 30% max rep jump lunges

Run 100 m	f. Rest 30 seconds
	 2. 2 rounds of a. 800 m run b. 1:1 work-to-rest ratio (if the run took 3.5 minutes to complete, rest for 3.5 minutes, then run the next 800 m, if that run took 3.5 minutes, rest another 3.5 minutes, then start on the 400 m runs)
	 3. 3 rounds of a. 400 m run b. 1:2 work-to-rest ratio Note: Run as fast as possible but at a pace you can repeat for all the prescribed rounds.

Day 27 – Long Swim

Warmup –	Training –
100 m freestyle Rest 1 minute 100 m side stroke Rest 1 minute 100 m breaststroke Rest 1 minute 100 m stroke of	1500 m freestyle swim
Rest 1 minute 100 m side stroke Rest 1 minute 100 m breaststroke Rest 1 minute	1500 III Ireestyle swim

Day 28 – Calisthenic Assessment #2

Warmup –	Training –
4 rounds of	RECORD SCORES
10 push-ups 10 sit-ups	Burpee Ladder Test
5 lunges	Minute # in that min Total burpees 0-1 10 10 1-2 12 22 2-3 14 36 3-4 16 52 4-5 18 70 5-6 20 90 6-7 22 112 7-8 24 136 Rest 2 to 3 minutes 2. Max rep sit-ups in 60 Sec. Rest 2 to 3 minutes 3. Max rep box jumps @ 20" in 60 Sec. Rest 2 to 3 minutes 4. Max rep hand HR push-ups in 60 Sec. Rest 2 to 3 minutes

Max rep jumping lunges in 60 seconds
 Note: One jump with left leg forward plus one jump with right leg forward equals one repetition. Total may be 0.5 increment (example: 30.5 reps).

 Rest 2 to 3 minutes

6. Max rep pull ups (unloaded)

COMPARE SCORES TO ASSESSMENT #1

Day 29 - Running Assessment #2

Warmup –	Training –
4 rounds of	RECORD TIME
200 m run 10 push-ups 10 sit-ups 5 lunges	1. Run 3 miles for time
10 flutter kicks	COMPARE TIME TO ASSESSMENT #1

Day 30 - Swim Assessment #2

Warmup –	Training –
4 rounds of	RECORD TIMES
50 m swim – use the same stroke	1. Swim 500 m freestyle
you will be testing.	Rest 15 minutes
5 x push-ups 10 x air squats	2. Max water tread
·	Note: If additional weight was added for the initial assessment, perform this test with the same weight. COMPARE TIMES TO ASSESSMENT #1

Introduction

The intent of this program is to provide an opportunity for all potential MSP recruits to have professional level guidance as they prepare for the MSP trooper recruit school physical training program. This program is the third and final stage in the full program and is ideal for candidates who hold a moderate to high level of fitness and have access to gym equipment.

Required Equipment

- Stopwatch
- Squat rack
- Bench
- Barbell
- Weights
- Dumbbells/kettlebells
- 20" or similar step or box
- 400 m track (ideal but not required)
- Swimming pool (ideal but not required)
- Sandbag (not required)

Training Plan

Day 1 - Strength & Speed

Warmup –	Training –
4 rounds of	6 rounds of a. 4 x deadlift (increase weight until 4 is difficult but achievable)
10 air squats 10 push-ups	b. Rest as needed
10 hip hinges	2. 6 rounds of
1 min run	a. 4 x bench press (increase weight until 4 is difficult but achievable)
Pigeon Stretch	b. Rest as needed
	6 rounds of a. 4 x front squat (increase weight until 4 is difficult but achievable) b. Rest as needed
	4. Running Intervals (1:2 work-to-rest ratio. Example: If you run the 100 m in 15 sec, rest for
	30 sec before moving on to the next 100 m run.)
	a. 8 x 100 m at 15 sec pace
	b. 6 x 200 m at 40 sec pace
	c. 4 x 400 m at 1:42 pace
	d. 1 x 800 m at 3:21 pace

Day 2 – A.M. – Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	1. 10 rounds of a. 25 m freestyle sprint b. 15 sec rest
·	 2. 5 rounds of a. 50 m freestyle sprint b. 30 sec rest 3. 5 minutes of continuous swimming

4. Treading water: 3 rounds of
a. 30 sec both hands
b. 15 sec left hand out of the water
c. 15 sec right hand out of the water
d. 15 sec both hands out of the water

Day 2 - P.M. - Work Capacity

Warmup –	Training –
Max push-ups in 2 minutes Max sit-ups in 2 minutes Max pull-ups	1. 15 rounds of the following every 60 sec (also known as Every Minute on the Minute (EMOM)) a. 3 x pull-ups b. 6 x push-ups c. 9 x sit-ups
	2. 4 rounds of a. 10 x good mornings (45 lbs. bar) b. 10 x Russian twists (25 lbs.) c. 40 x flutter kicks (left leg up then right leg up equal 1 rep) d. 60 sec front plank

Day 3 – Long Run

Warmup –	Training –
As needed	1. 5-mile run
	4 rounds of a. 60 second farmer carry (50 lbs.)
	3. 2 rounds of a. 5 x shoulder YTWL (2.5 lbs.) b. 50 x flutter kicks c. 25 x supermans

Day 4 - A.M. - Work Capacity

Warmup -	Training –
4 rounds of	For time a. 40 x sandbag or barbell clean and press (60 lbs.)
5 sandbag get-	
ups (60 lbs.) or	2. 10 rounds, one round every two minutes
Turkish get-ups	a. 5 pull-ups
(30 lbs.)	
10 push-ups	
Instep Stretch	
Pigeon Stretch	

Day 4 - P.M. - Water Confidence

Warmup -	Training –
100 m freestyle	1. 50 m freestyle hypoxic ladder, rest as needed between each 50 m
50 m arms only	a. 1 x 50 m at 1 breath every 2 strokes
50 m legs only	b. 1 x 50 m at 1 breath every 4 strokes
100 m freestyle	c. 1 x 50 m at 1 breath every 6 strokes
	d. 1 x 50 m at 1 breath every 8 strokes
	e. 1 x 50 m at 1 breath every 10 strokes

2. 5 minutes of continuous swimming

Day 5 – Work Capacity

Warmup –	Training –
4 rounds of 5 x pull-ups 7 x clapping push-ups 9 x jump squats Hip flexor stretch	 1. 10 rounds of a. 10 x burpees b. 20 x flutter kicks (left and right leg equals 1 rep) 2. 4 rounds, one round every 2:30, of a. 300 m shuttle run Instructions: Set two markers 50 m apart. Run down and back three times for a total of 300 m. Complete four rounds. With a running clock start the first round at 0:00. Rest during remaining
	time. The second round begins at the 2:30 mark. The third at the 5:00 mark. Finally, the fourth at the 7:30 mark.
	3. 4 rounds of a. 10 x weighted sit-ups (45 lbs.) b. 30 sec side plank left
	c. 30 sec side plank right

Day 6 – Strength & Speed Warmup – Training –

warmup –	Training –
4 rounds of	6 rounds of a. 4 x deadlift high pulls (increase weight until 4 is difficult but achievable)
10 air squats 10 push-ups	b. Rest as needed
10 hip hinges	2. 6 rounds of
1 min run	a. 4 x <u>push press</u> (increase weight until 4 is difficult but achievable)
Pigeon Stretch	b. Rest as needed
	3. 6 rounds of
	a. 4 x walking lunges (increase weight until 4 is difficult but achievable)b. Rest as needed
	4. Running Intervals (1:2 work-to-rest ratio. For example: if you run the 100 m in 15 sec, rest
	for 30 sec before moving on to the next 100 m run.)
	a. 6 x 100 m at 15 sec pace
	b. 5 x 200 m at 38 sec pace
	c. 5 x 400 m at 1:40 pace
	d. 1 x 800 m at 3:14 pace

Day 7 - A.M. - Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	6 rounds of a. 25 m freestyle sprint b. 10 sec rest
,	2. 4 rounds of a. 50 m freestyle sprint b. 30 sec rest
	1 round of a. 100 m freestyle sprint

4. 10 minutes of continuous swimming
5. Treading water: 3 rounds of
a. 30 sec both hands
b. 30 sec left hand out of the water
c. 30 sec right hand out of the water
d. 30 sec both hands out of the water

Day 7 - P.M. - Work Capacity

Warmup –	Training –
Max push-ups in 2 minutes Max sit-ups in 2 minutes Max pull-ups	1. 16 rounds of the following every 60 sec or EMOM a. 3 x pull-ups b. 6 x push-ups c. 9 x sit-ups
	4 rounds of a. 10 x good mornings (45 lbs. bar)
	 b. 15 x Russian twists (25 lbs.) c. 40 x flutter kicks (left leg up then right leg up equal 1 rep) d. 60 sec front plank

Day 8 – Long Run

Warmup -	Training –
As needed	1. 6-mile run
	5 rounds of a. 60 second farmer carry (50 lbs.)
	 3. 2 rounds of a. 5 x shoulder YTWL (2.5 lbs.) b. 50 x flutter kicks c. 25 x supermans

Day 9 - A.M. - Work Capacity

Warmup –	Training –
4 rounds of	For time a. 50 x sandbag or barbell clean and press (60 lbs.)
5 sandbag get- ups (60 lbs.) or Turkish get-ups (30 lbs.) 10 push-ups Instep Stretch Pigeon Stretch	2. 10 rounds, one round every 1:45 a. 5 pull-ups

Day 9 - P.M. - Water Confidence

Warmup -	Training –
100 m freestyle	1. 50 m freestyle hypoxic ladder, rest as needed between each 75 m
50 m arms only 50 m legs only	a. 1 x 75 m at 1 breath every 2 strokesb. 1 x 75 m at 1 breath every 4 strokes
100 m freestyle	c. 1 x 75 m at 1 breath every 6 strokes d. 1 x 75 m at 1 breath every 8 strokes

e. 1 x 75 m at 1 breath every 10 strokes
2. 10 minutes of continuous swimming

Day 10 - Work Capacity

Warmup –	Training –
4	A William OF the control of the falls for
4 rounds with 75	1. With a 25 lbs. weight vest, perform the following:
lbs. of	a. 50 x step ups (20" step)
	b. 10 x <u>Thrusters</u> (65 lbs.)
5 x power clean	c. 40 x step ups
5 x front squat	d. 8 x Thrusters
5 x push press	e. 30 x step ups
Hamstring stretch	f. 6 x Thrusters
	g. 20 x step ups
	h. 4 x Thrusters
	i. 10 x step ups
	j. 2 x Thrusters
	2. 4 rounds of
	a. 10 x weighted sit-ups (45 lbs.)
	b. 30 sec side plank left
	c. 30 sec side plank right

Day 11 - Strength & Speed

Warmup -	Training –
4 rounds of 10 air squats	1. 6 rounds of a. 4 x deadlift (increase weight until 4 is difficult but achievable) b. Rest as needed
10 push-ups	51 11001.00 1100000
10 hip hinges	2. 6 rounds of
1 min run	a. 4 x bench press (increase weight until 4 is difficult but achievable)
Pigeon Stretch	b. Rest as needed
	3. 6 rounds of
	a. 4 x front squat (increase weight until 4 is difficult but achievable)b. Rest as needed
	4. Running Intervals (1:2 work-to-rest ratio. Ex. If you run the 100 m in 15 sec, rest for 30 sec
	before moving on to the next 100 m run.) a. 4 x 100 m at 15 sec pace
	b. 4 x 200 m at 36 sec pace
	c. 6 x 400 m at 1:38 pace
	d. 1 x 800 m at 3:07 pace

Day 12 – A.M. – Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	1. 6 rounds of a. 50 m freestyle sprint b. 30 sec rest
	2. 3 rounds of a. 100 m freestyle sprint b. 60 sec rest 3. 15 minutes of continuous swimming

4. Treading water: 3 rounds of
a. 45 sec both hands
b. 45 sec left hand out of the water
c. 45 sec right hand out of the water
d. 45 sec both hands out of the water

Day 12 - P.M. - Work Capacity

Warmup -	Training –
Max push-ups in 2 minutes Max sit-ups in 2 minutes Max pull-ups	1. 17 rounds of the following every 60 sec or EMOM a. 3 x pullups b. 6 x push-ups c. 9 x sit-ups
max pair apo	 2. 4 rounds of a. 10 x good mornings (45 lbs. bar) b. 15 x Russian twists (25 lbs.) c. 40 x flutter kicks (left leg up then right leg up equal 1 rep) d. 60 sec front plank

Day 13 – Long Run

Warmup –	Training –
As needed	1. 7-mile run
	1 round of a. 120 second farmer carry (50 lbs.)
	3. 2 rounds of a. 5 x shoulder YTWL (2.5 lbs.) b. 50 x flutter kicks c. 25 x supermans

Day 14 - A.M. - Work Capacity

Warmup –	Training –
4 rounds of	For time a. 60 x sandbag or barbell clean and press (60 lbs.)
5 sandbag get- ups (60 lbs.) or Turkish get-ups (30 lbs.) 10 push-ups Instep Stretch Pigeon Stretch	2. 10 rounds, one round every 1:30 a. 5 pull-ups

Day 14 - P.M. - Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	 50 m freestyle hypoxic ladder, rest as needed between each 100 m a. 1 x 100 m at 1 breath every 2 strokes b. 1 x 100 m at 1 breath every 4 strokes c. 1 x 100 m at 1 breath every 6 strokes d. 1 x 100 m at 1 breath every 8 strokes e. 1 x 100 m at 1 breath every 10 strokes 2. 15 minutes of continuous swimming

Day 15 - Work Capacity

Warmup -Training -4 rounds of 1. 10 rounds of a. 10 x burpees 5 x pull-ups b. 20 x flutter kicks (left and right leg equals 1 rep) 7 x clapping push-ups 2. 4 rounds, one round every 2:20, of 9 x jump squats a. 300 m shuttle run Hip flexor stretch Instructions: Set two markers 50 m apart. Run down and back three times for a total of 300 m. Complete four rounds. With a running clock start the first round at 0:00. Rest during remaining time. The second round begins at the 2:20 mark. The third at the 4:40 mark. Finally, the fourth at the 7:00 mark. 3. 4 rounds of a. 10 x weighted sit-ups (45 lbs.) b. 30 sec side plank left 30 sec side plank right

Day 16 - Strength & Speed

Warmup –	Training –
4 rounds of	1. 6 rounds of
+ Tourius of	a. 4 x deadlift high pulls (increase weight until 4 is difficult but achievable)
10 air squats	b. Rest as needed
10 push-ups	b. Rest as necucu
10 hip hinges	2. 6 rounds of
1 min run	a. 4 x push press (increase weight until 4 is difficult but achievable)
Pigeon Stretch	b. Rest as needed
i igcon oucton	b. Rest as necucu
	3. 6 rounds of
	a. 4 x walking lunges (increase weight until 4 is difficult but achievable)
	b. Rest as needed
	4. Running Intervals (1:2 work-to-rest ratio. For example: if you run the 100 m in 15 sec, rest
	for 30 sec before moving on to the next 100 m run.)
	a. 2 x 100 m at 15 sec pace
	b. 2 x 200 m at 34 sec pace
	c. 7 x 400 m at 1:36 pace
	d. 1 x 800 m at 3:00 pace

Day 17 – A.M. – Water Confidence

Warmup -	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	6 rounds of a. 25 m freestyle sprint b. 10 sec rest
·	2. 5 rounds of a. 50 m freestyle sprint b. 30 sec rest
	3. 4 rounds of a. 100 m freestyle sprint b. 30 sec rest 4. 20 minutes of continuous swimming

5. Treading water: 3 rounds of	
c. 60 sec both hands	
d. 60 sec left hand out of the water	
e. 60 sec right hand out of the water	
f. 60 sec both hands out of the water	

Day 17 - P.M. - Work Capacity

Warmup –	Training –
Max push-ups in 2 minutes Max sit-ups in 2 minutes Max pull-ups	1. 18 rounds of the following every 60 sec or EMOM a. 3 x pull-ups b. 6 x push-ups c. 9 x sit-ups
max pair ape	 2. 4 rounds of a. 10 x good mornings (45 lbs. bar) b. 15 x Russian twists (25 lbs.) c. 40 x flutter kicks (left leg up then right leg up equal 1 rep) d. 60 sec front plank

Day 18 – Long Run

Warmup -	Training –
As needed	1. 8.0-mile run
	1 round of a. 135 second farmer carry (50 lbs.)
	 3. 2 rounds of a. 5 x shoulder YTWL (2.5 lbs.) b. 50 x flutter kicks c. 25 x supermans

Day 19 - A.M. - Work Capacity

Warmup –	Training –
4 rounds of	For time a. 70 x sandbag or barbell clean and press (60 lbs.)
5 sandbag get- ups (60 lbs.) or Turkish get-ups (30 lbs.) 10 push-ups Instep Stretch Pigeon Stretch	2. 10 rounds, one round every 1:15 a. 5 pull-ups

Day 19 - P.M. - Water Confidence

Warmup -	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	 50 m freestyle hypoxic pyramid, rest as needed between each 50 m a. 1 x 50 m at 1 breath every 2 strokes b. 1 x 50 m at 1 breath every 4 strokes c. 1 x 50 m at 1 breath every 6 strokes d. 1 x 50 m at 1 breath every 8 strokes
	e. 1 x 50 m at 1 breath every 10 strokes
	f. 1 x 50 m at 1 breath every 8 strokes

 g. 1 x 50 m at 1 breath every 6 strokes h. 1 x 50 m at 1 breath every 4 strokes i. 1 x 50 m at 1 breath every 2 strokes
2. 20 minutes of continuous swimming

Day 20 - Work Capacity

Warmup -	Training –
4 rounds with 75	With a 25 lbs. weight vest, perform the following:
lbs. of	a. 50 x step ups (20" step)
	b. 10 x Thrusters (65 lbs.)
5 x power clean	c. 40 x step ups
5 x front squat	d. 8 x Thrusters
5 x push press	e. 30 x step ups
Hamstring stretch	f. 6 x Thrusters
	g. 20 x step ups
	h. 4 x Thrusters
	i. 10 x step ups
	j. 2 x Thrusters
	2. 4 rounds of
	a. 10 x weighted sit-ups (45 lbs.)
	b. 30 sec side plank left
	c. 30 sec side plank right

Day 21 - Strength & Speed

Warmup -	Training –
4 rounds of 10 air squats 10 push-ups	6 rounds of a. 4 x deadlift (increase weight until 4 is difficult but achievable) b. Rest as needed
10 hip hinges 1 min run Pigeon Stretch	 2. 6 rounds of a. 4 x bench press (increase weight until 4 is difficult but achievable) b. Rest as needed
	 3. 6 rounds of a. 4 x front squat (increase weight until 4 is difficult but achievable) b. Rest as needed
	 4. Running Intervals (1:2 work-to-rest ratio. Example: If you run the 100 m in 15 sec, rest for 30 sec before moving on to the next 100 m run.) a. 4 x 200 m at 32 sec pace b. 8 x 400 m at 1:34 pace

Day 22 – A.M. – Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	5 rounds of a. 50 m freestyle sprint b. 30 sec rest
·	2. 5 rounds of a. 100 m freestyle sprint b. 60 sec rest 3. 25 minutes of continuous swimming

4. Treading water: 3 rounds with a 5 lbs. plate of
a. 30 sec both hands
b. 30 sec left hand out of the water holding the 5 lbs.
c. 30 sec right hand out of the water holding 5 lbs.
5. 30 sec both hands out of the water holding the 5 lbs.

Day 22 - P.M. - Work Capacity

Warmup –	Training –
Max push-ups in 2 minutes Max sit-ups in 2 minutes Max pull-ups	1. 19 rounds of the following every 60 or EMOM a. 3 x pull-ups b. 6 x push-ups c. 9 x sit-ups
	4 rounds of a. 10 x good mornings (45 lbs. bar)
	b. 15 x Russian twists (25 lbs.) c. 40 x flutter kicks (left leg up then right leg up equal 1 rep) d. 60 sec front plank

Day 23 - Long Run

Warmup –	Training –
As needed	1. 8.5-mile run
	1 round of a. 150 second farmer carry (50 lbs.)
	3. 2 rounds of a. 5 x shoulder YTWL (2.5 lbs.) b. 50 x flutter kicks c. 25 x supermans

Day 24 - A.M. - Work Capacity

Warmup –	Training –
4 rounds of	For time a. 80 x sandbag or barbell clean and press (60 lbs.)
5 sandbag get- ups (60 lbs.) or Turkish get-ups (30 lbs.) 10 push-ups Instep Stretch Pigeon Stretch	2. 10 rounds, one round every 60 seconds a. 5 pull-ups

Day 24 - P.M. - Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	 75 m freestyle hypoxic pyramid, rest as needed between each 75 m a. 1 x 75 m at 1 breath every 2 strokes b. 1 x 75 m at 1 breath every 4 strokes c. 1 x 75 m at 1 breath every 6 strokes d. 1 x 75 m at 1 breath every 8 strokes e. 1 x 75 m at 1 breath every 10 strokes
	d. 1 x 75 m at 1 breath every 8 strokes

 g. 1 x 75 m at 1 breath every 6 strokes h. 1 x 75 m at 1 breath every 4 strokes i. 1 x 75 m at 1 breath every 2 strokes
2. 25 minutes of continuous swimming

Day 25 - Work Capacity

Warmup –	Training –
4 rounds of 5 x pull-ups 7 x clapping push-ups	 1. 10 rounds of a. 10 x burpees b. 20 x flutter kicks (left and right leg equals 1 rep) 2. 4 rounds, one round every 2:10, of
9 x jump squats Hip flexor stretch	a. 300 m shuttle run Instructions: Set two markers 50 m apart. Run down and back three times for a total of 300 m. Complete four rounds. With a running clock start the first round at 0:00. Rest during remaining time. The second round begins at the 2:10 mark. The third at the 4:20 mark. Finally, the fourth at the 6:30 mark.
	3. 4 rounds of a. 10 x weighted sit-ups (45 lbs.) b. 30 sec side plank left c. 30 sec side plank right

Day 26 – Strength & Speed

Warmup -	Training –
4 rounds of	1. 6 rounds of a. 4 x deadlift high pulls (increase weight until 4 is difficult but achievable)
10 air squats 10 push-ups	b. Rest as needed
10 hip hinges	2. 6 rounds of
1 min run Pigeon Stretch	a. 4 x push press (increase weight until 4 is difficult but achievable)b. Rest as needed
	6 rounds of a. 4 x walking lunges (increase weight until 4 is difficult but achievable) b. Rest as needed
	 Running Intervals (1:2 work-to-rest ratio. For example: if you run the 100 m in 15 sec, rest for 30 sec before moving on to the next 100 m run.) a. 2 x 200 m at 30 sec pace b. 9 x 400 m at 1:32 pace

Day 27 - A.M. - Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	1. 5 rounds of a. 50 m freestyle sprint b. 25 sec rest
·	2. 5 rounds of a. 100 m freestyle sprint b. 50 sec rest 3. 30 minutes of continuous swimming

4. Treadii	ng water: 3 rounds with a 5 lbs. plate of
	45 sec both hands
b.	45 sec left hand out of the water holding the 5 lbs.
C.	45 sec right hand out of the water holding 5 lbs.
d.	45 sec both hands out of the water holding the 5 lbs.

Day 27 - P.M. - Work Capacity

Warmup –	Training –
Max push-ups in 2 minutes Max sit-ups in 2 minutes Max pull-ups	1. 20 rounds of the following every 60 sec or EMOM a. 3 x pull-ups b. 6 x push-ups c. 9 x sit-ups
max pan apo	2. 4 rounds of
	a. 10 x good mornings (45 lbs. bar)
	b. 15 x Russian twists (25 lbs.)
	c. 40 x flutter kicks (left leg up then right leg up equal 1 rep)
	d. 60 sec front plank

Day 28 – Long Run

Warmup -	Training –
As needed	1. 9.0-mile run
	1 round of a. 165 second farmer carry (50 lbs.)
	 3. 2 rounds of a. 5 x shoulder YTWL (2.5 lbs.) b. 50 x flutter kicks c. 25 x supermans

Day 29 - A.M. - Work Capacity

Warmup –	Training –
4 rounds of	For time a. 90 x sandbag or barbell clean and press (60 lbs.)
5 sandbag get- ups (60 lbs.) or Turkish get-ups (30 lbs.) 10 push-ups Instep Stretch Pigeon Stretch	2. 10 rounds, one round every 45 seconds a. 5 pull-ups

Day 29 - P.M. - Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	 1. 100 m freestyle hypoxic pyramid, rest as needed between each 100 m a. 1 x 100 m at 1 breath every 2 strokes b. 1 x 100 m at 1 breath every 4 strokes c. 1 x 100 m at 1 breath every 6 strokes d. 1 x 100 m at 1 breath every 8 strokes e. 1 x 100 m at 1 breath every 10 strokes f. 1 x 100 m at 1 breath every 8 strokes

 g. 1 x 100 m at 1 breath every 6 strokes h. 1 x 100 m at 1 breath every 4 strokes i. 1 x 100 m at 1 breath every 2 strokes
2. 30 minutes of continuous swimming

Day 30 - Work Capacity

Warmup -	Training –
4 1 21 75	A MEL OF H. C. I. C. I. C. I. C. I.
4 rounds with 75	With a 25 lbs. weight vest, perform the following:
lbs. of	a. 50 x step ups (20" step)
	b. 10 x Thrusters (65 lbs.)
5 x power clean	c. 40 x step ups
5 x front squat	d. 8 x Thrusters
5 x push press	e. 30 x step ups
Hamstring stretch	f. 6 x Thrusters
	g. 20 x step ups
	h. 4 x Thrusters
	i. 10 x step ups
	j. 2 x Thrusters
	2. 4 rounds of
	a. 10 x weighted sit-ups (45 lbs.)
	b. 30 sec side plank left
	c. 30 sec side plank right

Day 31 - Strength & Speed

Warmup –	Training –
4 rounds of 10 air squats 10 push-ups	6 rounds of a. 4 x deadlift (increase weight until 4 is difficult but achievable) b. Rest as needed
10 hip hinges 1 min run Pigeon Stretch	 2. 6 rounds of a. 4 x bench press (increase weight until 4 is difficult but achievable) b. Rest as needed
	 3. 6 rounds of a. 4 x front squat (increase weight until 4 is difficult but achievable) b. Rest as needed
	 Running Intervals (1:2 work-to-rest ratio. Example: If you run the 100 m in 15 sec, rest for 30 sec before moving on to the next 100 m run.) a. 10 x 400 m at 1:30 pace

Day 32 – A.M. – Water Confidence

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	1. 5 rounds of a. 50 m freestyle sprint b. 20 sec rest
	2. 5 rounds of a. 100 m freestyle sprint b. 45 sec rest
	3. 35 minutes of continuous swimming

4. Treading water: 3 rounds with a 5 lbs. plate of
a. 60 sec both hands
b. 60 sec left hand out of the water holding the 5 lbs.
c. 60 sec right hand out of the water holding 5 lbs.
d. 60 sec both hands out of the water holding the 5 lbs.

Day 32 - P.M. - Work Capacity

Warmup –	Training –
As needed	1. Complete as fast as possible while maintaining proper form a. 100 push-ups b. 100 sit-ups c. 20 pull-ups
	 2. 4 rounds of a. 10 x good mornings (45 lbs. bar) b. 15 x Russian twists (25 lbs.) c. 40 x flutter kicks (left leg up then right leg up equal 1 rep) d. 60 sec front plank

Day 33 - Long Run

Warmup -	Training –
As needed	1. 9.5-mile run
	1 round of a. 165 second farmer carry (50 lbs.)
	3. 2 rounds of a. 5 x shoulder YTWL (2.5 lbs.) b. 50 x flutter kicks c. 25 x supermans

Day 34 – Water Confidence

Warmup – Tr	Fraining –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	 50 m freestyle hypoxic pyramid, no rest in between 50 m intervals. 450 m of continuous swimming: a. 1 x 50 m at 1 breath every 2 strokes b. 1 x 50 m at 1 breath every 4 strokes c. 1 x 50 m at 1 breath every 6 strokes d. 1 x 50 m at 1 breath every 8 strokes e. 1 x 50 m at 1 breath every 10 strokes f. 1 x 50 m at 1 breath every 8 strokes g. 1 x 50 m at 1 breath every 6 strokes h. 1 x 50 m at 1 breath every 4 strokes i. 1 x 50 m at 1 breath every 2 strokes

Day 35 – Strength & Speed

Warmup -	Training –
4 rounds of	1. 6 rounds of
	a. 4 x deadlift high pulls (increase weight until 4 is difficult but achievable)
10 air squats	b. Rest as needed

10 push-ups	2. 6 rounds of
10 hip hinges	a. 4 x push press (increase weight until 4 is difficult but achievable)
1 min run	b. Rest as needed
Pigeon Stretch	
	 3. 6 rounds of a. 4 x walking lunges (increase weight until 4 is difficult but achievable) b. Rest as needed
	 Running Intervals (1:2 work-to-rest ratio. For example: if you run the 100 m in 15 sec, rest for 30 sec before moving on to the next 100 m run.) a. 12 x 400 m at 1:30 pace

Day 36 – Water Confidence Evaluation

Warmup –	Training –
100 m freestyle 50 m arms only 50 m legs only 100 m freestyle	5 rounds of a. 50 m freestyle sprint b. 15 sec rest
	5 rounds of a. 100 m freestyle sprint b. 40 sec rest
	3. 40 minutes of continuous swimming
	Treading water: a. 5 minutes continuous with 5 lbs. plate and hands out of the water
	Note: The goal is completion as prescribed

Day 37 - Work Capacity Evaluation

Warmup -	Training –
As needed	1. Max push-ups in 2 minutes (Goal = 100+)
	Rest 5 minutes
	2. Max sit-ups in 2 minutes (Goal = 100+)
	Rest 5 minutes
	3. Max pull-ups (Goal = 20+)
	Rest 5 minutes
	4. Max time in front plank (Goal = 5 minutes +)

Day 38 – Long Run Evaluation

Warmup –	Training –
As needed	1. 10-mile run (Goal = 1 hour and 30 minutes or less) (9 min/mile pace)
	2. Max time farmer carry (50 lbs.) (Goal = 3 minutes +)